



Predictable symptom control of both psychosis and elevated mood helps you **restore calm**.

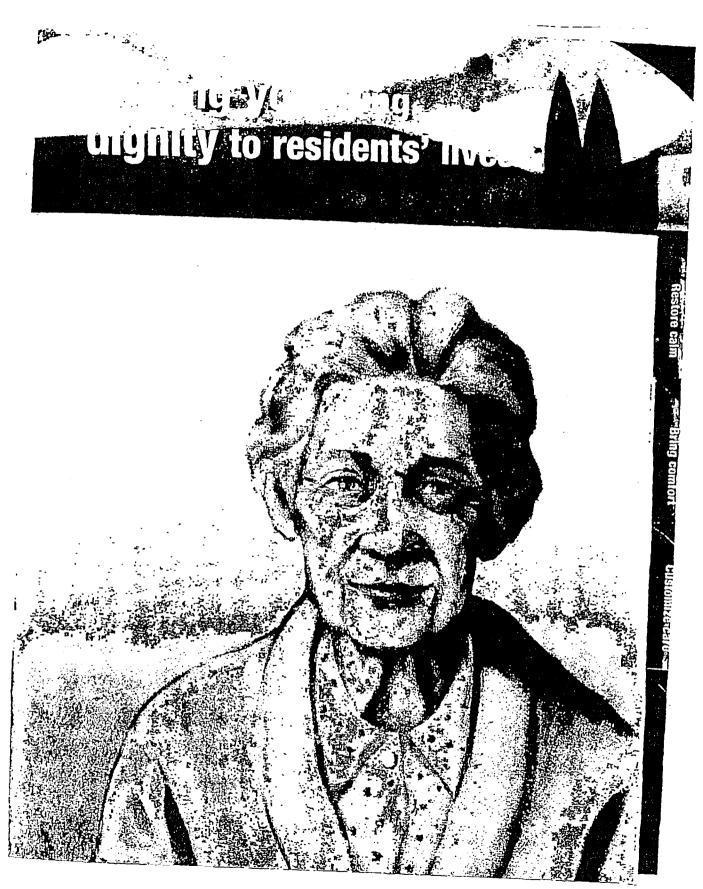
Dependable maintenance of treatment response in schizophrenia helps you **bring comfort** 

Flexible dosing helps you customize care.

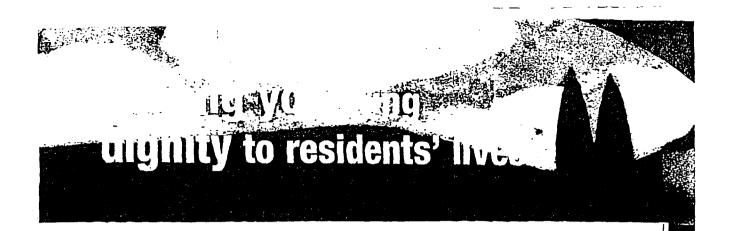
ZYPREXA is indicated for the treatment of schizophrenia and acute bipolar mania.

Caution should be used in dosing to the elderly, especially if there are other factors that might additively influence drug metabolism and/or pharmacodynamic sensitivity.





ZYPrexa

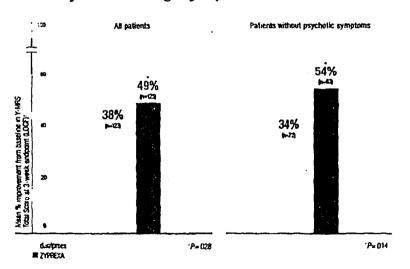


# Significantly more patients achieved higher levels of improvement in psychosis compared to risperidone<sup>1</sup>

In a schizophrenia study, a significantly greater percentage of patients treated with ZYPREXA achieved an improvement of ≥40% in PANSS Total Score as compared with risperidone-treated patients. The percentage of patients achieving a 20% improvement in PANSS Total Score was comparable between treatment groups.<sup>1</sup>

- 1 Test PK et a. J On Psycroptamacol 1997:17 407-418.
- PANSS is Positive and Negative Syndrome Scale, consisting of 30 liens. See page 6 for more information.

# Efficacy in treating symptoms of elevated mood<sup>1,2</sup>



include:

**Symptoms** 

DISRUPTIVE/
AGGRESSIVE BEHAVIOR
SLEEP DISTURBANCE

In this bipolar mania study, for those with psychotic symptoms, groups treated with ZYPREXA and divalproex showed comparable improvement in Y-MRS Total Score (ZYPREXA 42%, divalproex 43%; P-NS).

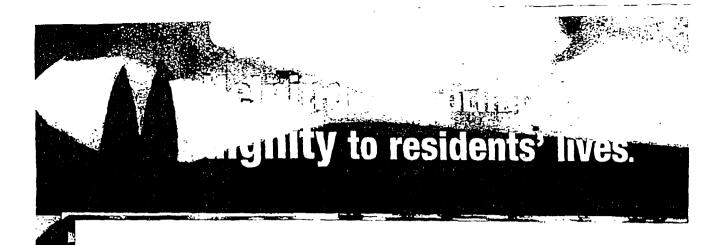
ZYPREXA is indicated for the treatment of schizophrenia and acute bipolar mania.

For adultional saidly profile and other important prescribing considerations, see pages 16-17 and full Prescribing Information. Also, see pages 18-19 for Methodology and Study Limitations. For safety Information on rispendance or divalgines, see manufacturers' package inserts.

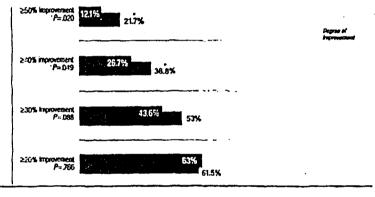
- 1, Tohen M, et al. Am J.Psychiatry. 2002 159(6) 1011-1017.
- 2 Dissi on Re, Lilly Research Laboratories
- † Y-MRS is Young Massa Rating Scale, consisting of 11 liters LOCF is Last Observation Carried Forward.

Afezin modal doses were 17 mg/day for ZYPREXA and 1400 mg/day for disapproex

> ZYPI'EXT Olanzapine



# Efficacy in total symptom improvement<sup>1</sup>



#### **Symptoms**

include:

HOSTILITY

**DELUSIONS** 

**EXCITEMENT** 

**BEHAVIOR** 

HALLUCINATORY

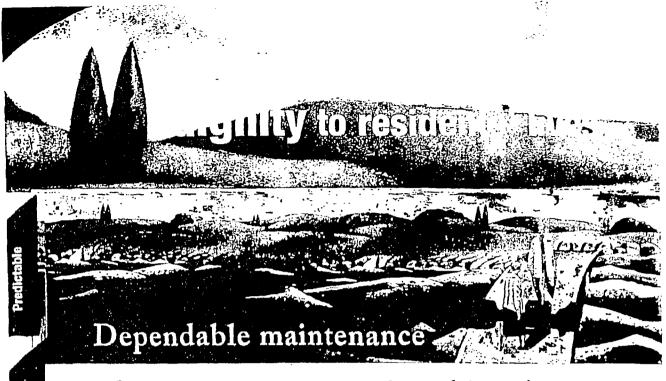
M rispendone (p=165) M ZYPREXA (n=166) % Patients Improving in PARSS Total Score from baseline to endpoint (LOCF)

In this schizophrenia study, a significantly greater percentage of patients treated with ZYPREXA achieved an improvement of ≥40% in PANSS Total Score as compared with risperidone-treated patients.

ZYPREXA is indicated for the treatment of schizophrenia and acute blpolar mania.

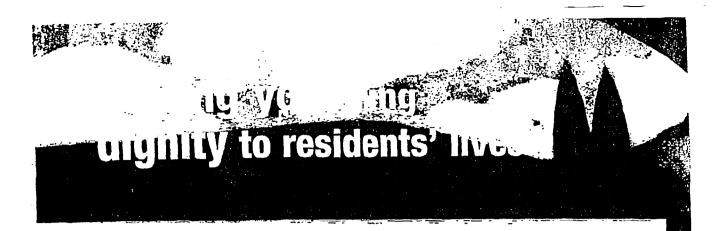
For additional safety profile and other important prescribing considerations, see pages 16-17 and full Prescribing Information. Also, see pages 18-19 for Methodology and Study Limitations. For safety information on hisperidone, see manufacturer's profilege insert.  Tich Pk, et al. J Clin Psychopharmacol.1997;17. 407-418. unguilty to residents' live

**ZYPIEXa**Olanzapine

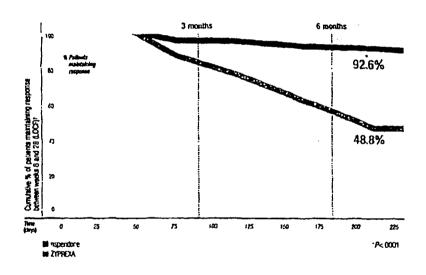


of treatment response in schizophrenia helps you bring comfort.





## Superior maintenance of treatment response<sup>1,2</sup>



### Únderstanding OBRA‡

#### 6 months

✓ Reevaluate patients



√ No requirement tor mandatory dose reduction

In this schizophrenia study, significantly fewer patients who reached more robust levels of improvement (≥40%) taking ZYPREXA experienced relapses at 28 weeks, compared to patients taking risperidone.

Significantly more patients taking ZYPREXA who had ≥20% improvement in PANSS Total Score at week 8 maintained their clinical response through week 28 (ZYPREXA 87.9%, n=105; risperidone 67.7%, n=94; P=.001). <sup>12</sup>

Patients should be periodically reassessed to determine the need for maintenance treatment with appropriate dose.

ZYPREXA is indicated for the treatment of schizophrenia and acute bipolar mania.

For additional safety profile and other important prescribing considerations, see pages 16-17 and MJ Prescribing Information.

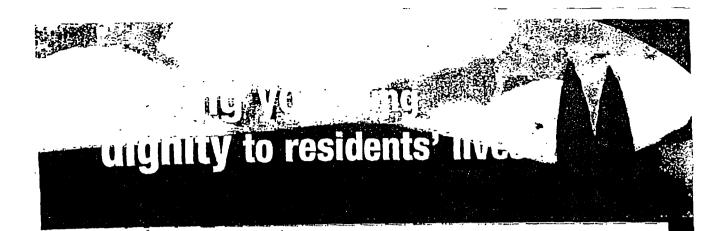
Also, see pages 18-19 for Methodology and Study Limitations. For safety information on insperid

- 1 Tran PY, et al. J Clin Psychophannacol 1997,17 407-418
- Data on file, Lifty Research
   Laboratones
- † Response defined as 240% suprovement in PMSS local Score at week 6 (2077/EAA n=44, rependone n=30% Religies defined as 220% worsening in PAMSS local Score plus CG-523 after 6 metics.
- † The Ometus Budget Recurolization Act (DBRA) guidelines for the use of anapsychotos were released in 1987

ZYPIEXA







#### **ZYPREXA** tablets

Once-daily dosing without regard to meals.

Starting dose of 5 mg recommended in patients ≥65 years of age.



## ZYPREXA® Zydis® (Olanzapine) Orally Disintegrating Tablets

Quickly dissolves orally in as little as 5 seconds.

When symptoms potentially lead to noncompliance (cheekers, spitters).

When residents are having difficulty swallowing medications.





Phenylkelanuncs: ZYPPEXA Zydis contains phenylalanine. Zydis is a registered tracemark of R.P. Schene Corporation

Caution should be used in dosing to the elderly, especially if there are other factors that might additively influence drug metabolism and/or pharmacodynamic sensitivity.

ZYPREXA is indicated for the treatment of schizophrenia and acute bipolar mania.

For additional safety profile and other important prescribing considerations, see pages 16-17 and full Prescribing Information



# Favorable safety profile

# Low potential for harmful drug interactions if concomitant use is necessary

Little potential shown in vitro to inhibit P450 cytochromes:

valproste

warfarin

theophylline

qiasebam

Ethium

biperiden

imipramine

Coordininistration of dizzepam or ethanol with ZYPREXA may potentiate orthostatic hypotension. Lower doses of ZYPREXA should be considered in patients receiving concomitant treatment with fluvoramine.

### Low potential for cerebrovascular accidents

Only 0.12% of patients in placebo-controlled schizophrenia registration trials (patient ages 18-94) experienced treatment-emergent CVAs (3/2500).1

#### Low potential for anticholinergic-like side effects

Incidence of common anticholinergic-like events not statistically different from placebo."

Antichalinergic side effects may include: dry mouth, blurred vision, constipation, urinary retention, and increased heart rate.

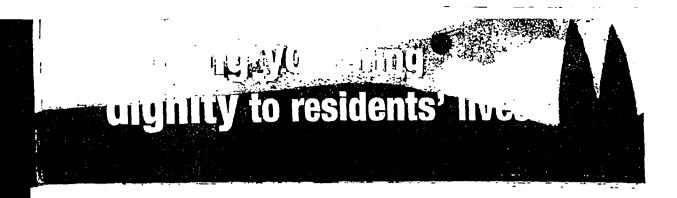
### No baseline ECG required

No difference to clinically significant QTe prolongation with ZYPREXA compared to placebo in premarketing clinical trials.

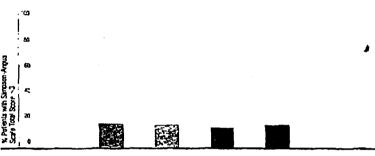
No routine liver or kidney function tests required No adjustment of dosage required based upon degree of renal impairment

Data on He, Lify Research
 Lithoratories

f in patients with scharophreats in 2 studies who had up to 6 weeks of therapy with ZYPTEXA 2.5 to 17.5 mg/day (p=248) or with placebo (p=118)



# Incidence of EPS comparable to placebo



- ptacebo (15%)
- EL ZYPPEXA 5 0±2.5 mg/day (14%)
- ZYPYEXA 10.0±2.5 mg/tby (12%)
- M ZYPPEVA 15.0±2.5 mg/dby (14%)

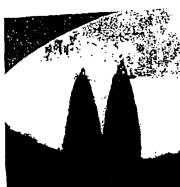
In placebo-controlled schizophrenia trials, the incidence of treatment-emergent extrapyramidal symptoms (EPS) associated with ZYPREXA was comparable to placebo, as assessed by the Simpson-Angus Scale for Parkinsonism.

In only one analysis of a placebo-controlled study, only one specific form of EPS, akathisia, was reported significantly more often with ZYPREXA at any specific dose (10.0±2.5 or 15.0±2.5 mg/day) compared with placebo.

For additional saling profile and other important prescribing considerations, see pages 16-17 and for Prescribing Information. Aco., see pages 16-17 and for Prescribing Information.

- † Treament-emergent EPS was analyzed in a double-bill nd, placeto commended companism of ZPPRDX 5 0±2 5, 10 0±2 5 and 15 0±2 5 myktay with placeto and hardpendal 15 0±5 0 myktay makung 335 patents with schoophenes Results snown are for the 6 meet about phase.
- t tio statistically signal cont differences vs placebo

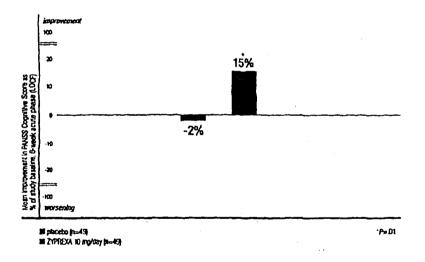




# gully to residents' lives.

#### ADDITIONAL DATA

# No impairment in cognition<sup>1</sup>



#### Including:

ATTENTION
ORGANIZED THINKING
JUDGMENT AND
INSIGHT

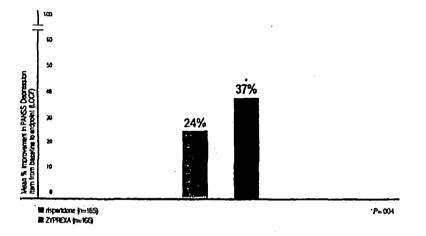
In this schizophrenia study, ZYPREXA significantly improved cognition as compared to placebo, as demonstrated by PANSS Cognitive Score.

Data on Rie, Liby Research Laboratories.

Resurts shown are from the 6-week acute phase of a double-blind comparison of ZPPEXA 1.0 and 10.0 mg/day with placebo, involving 152 patients with schlaubrenta.



# Efficacy in improving depressive symptoms<sup>1</sup>



# **Symptoms**

include:

**SADNESS** 

HOPELESSNESS

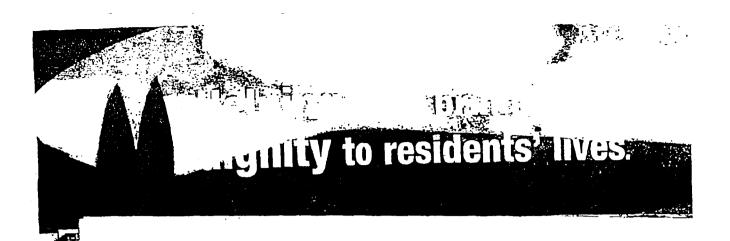
In this schizophrenia study, ZYPREXA was significantly more effective than risperidone in improving depressive symptoms.

For additional safety profite and other important prescribing considerations, see pages 16-17 and luft Prescribing Information.

Also, see pages 18-19 for Methodology and Saudy Limitetions. For safety information or respectione, see manufacturer's package insert.

 Tran PV, et al. J Clin Psychopharmacol 1997;17:407-418.





### Additional prescribing considerations

The most common treatment-emergent adverse event associated with ZYPREXA vs placebo in 6-week schizophrenia trials was somnolence (26% vs 15%). Also observed (ZYPREXA vs placebo) were:

postural hypotension (5% vs 2%) personality disorder\* (8% vs 4%) akathisia (5% vs 1%) duzziness (11% vs 4%) constipation (9% vs 3%) weight gain (6% vs 1%)

The most common treatment-emergent adverse event (reported in ≥10% of patients) with ZYPREXA vs resperidone in a schizophrenia trial was somnolence (26% vs 24%). Also observed (ZYPREXA vs risperidone) were:

anxiety (19% vs 17%)

weight gan (15% vs 8%) depression (6% vs 11%)

headache (15% vs 11%) rhinitis (9% vs 14%)

insomnia (11% vs 14%) nausea (4% vs 10%)

The most common treatment-emergent adverse event associated with ZYPREXA vs placebo in short-term, placebo-controlled trials in

bipolar mania was somnolence! (35% vs. 13%). Also observed (ZYPYEXA vs. placebo) were: dry mouth! (22% vs 7%)

constipation (11% vs 5%)

Increased appetite (6% vs 3%)

dyspepsia (11% vs 5%) dizziness! (18% vs 6%)

tremor (6% vs 3%)

asthenia! (15% vs 6%)

Common and significantly different adverse events in a 3-week bipolar mania trial of ZYPREXA vs divalproex were:

sonnolence (39.2% vs 20.6%)

increased appelle (12.0% vs 2.4%)

dry mouth (33.6% vs 6.3%)

nausea (10.4% vs 28.6%)

Other treatment-emergent adverse events reported in 5-10% of patients and significantly greater for ZYPREXA vs divalproex included tremor (9.6% vs 3.2%), neck rigidity (7.2% vs 1.6%), speech disorder (8.0% vs 0.8%), and sleep disorder (5.6% vs 0.8%)

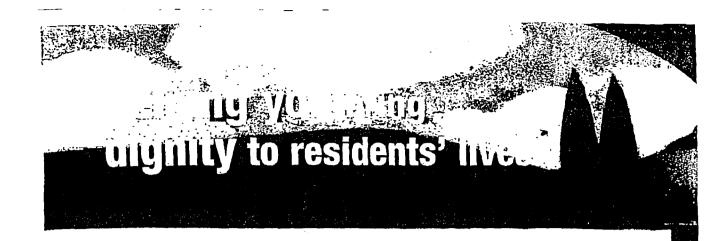
#### Orthostatic hypotension

In premarketing schizophrenia trials, some patients taking ZYPREXA experienced orthostatic hypotension associated with dizziness\*; tachycardia\*; and, in some cases, syncope (15/2500, 0.6%).

COSTAHT term for noraggressive objectionable behavior.

<sup>†</sup> In booker marks braix, 4 adverse events eccurred with statestically significantly bigher redence with ZMPREXA than with placetox none of these resulted in Osconsinuation

<sup>1</sup> in adde-phase trials (n=366), dizzness (11% vs 4%) and technicardia (4% vs 1%) were reported, these errors were not always associated with hypotension.



Transient, asymptomatic elevations of hepatic transaminase

In placebo-controlled schizophrenia studies, clinically significant ALT (SGPT) elevations (≥3 times the upper limit of the normal range) were observed in 2% (6/243) of patients exposed to ZYPREXA compared to none (0/115) of the placebo patients. None of these patients experienced jaundice. Periodic assessment of transaminases is recommended in patients with significant hepatic disease.

As with all antipsychotic medications, the following considerations should be taken into account when prescribing ZYPREXA:

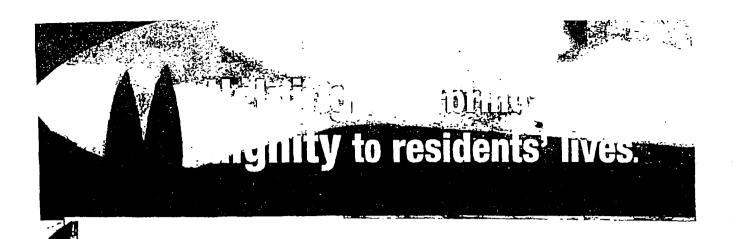
Tardive dyskinesia (TD)—prescribing should be consistent with the need to minimize the risk of TD. If its signs and symptoms appear, discontinuation should be considered.

Seizures—occurred intrequently in premarketing clinical trials of ZYPREXA (22/2500, 0.9%). Confounding factors may have contributed to many of these occurrences. ZYPREXA should be used cautiously in patients with a history of seizures or with conditions that lower the seizure threshold. Such conditions may be more prevalent in patients age 65 or older.

Use in special populations—in a clinical study involving nursing home patients having various psychiatric symptoms in association with Alzheimer's disease, somnolence, abnormal galt, lever, dehydration, and back pain were observed more often with ZYPREXA than with placebo. Of the 2500 patients in premarketing clinical studies with ZYPREXA, 11% (263) were 65 years of age or over. As with other CNS-active drugs, ZYPREXA should be used with caution in elderly patients with dementia. For patients of any age requiring special consideration, eg, patients who are debilitated, who are predisposed to hypotensive reactions, who have a combination of factors that may result in slower metabofism of ZYPREXA, or who may be more pharmacodynamically sensitive to ZYPREXA, a starting dose of 5 mg/day is recommended. When indicated, dose escalation should be performed with caution in these patients.

For additional salety profile and other important prescribing considerations, see the full Prescribing Information. For Methodology and Study Limitations, see pages 18-19. For salety information on risperdone or disabroes, see manufacturers' package Inserts.





## Methodology and study limitations

#### ZYPREXA vs risperidone in schizophrenia

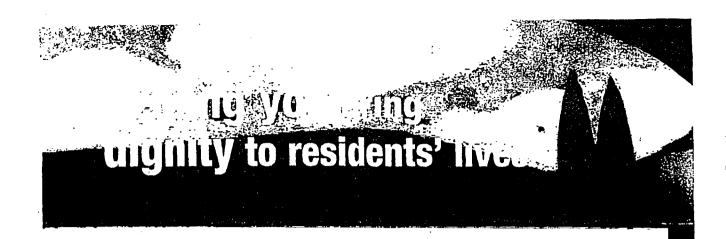
This was a double-blind, randomized, multicenter, international that of 339 patients with schizophrenia, schizoaffective disorder, or schizophreniform disorder. Patients were randomized at a 1:1 ratio is treatment with ZYPREXA 10-20 mg/day or risperidone 4-12 mg/day. Patients enrolled in the study had the opportunity to complete 28 weeks of treatment. A total of 178 patients (52.5%) completed the study (ZYPREXA 57.6%; risperidone 47.3%; P=.059).

- In this flexible dose study, patients treated with ZYPREVA initiated therapy at 15 mg/day for the first 7 days of treatment. Thereafter. investigators could adjust the daily dose upward or downward by 5 mg/day every 7 days (range 10-20 mg) as clinically indicated. The mean modal dose for ZYPREXA was 17.2 mg/day.
- . Consistent with labeling, risperidone-treated patients began citration at a dose of 1 mg twice daily on day 1, 2 mg twice daily on day 2, and 3 mg twice daily on days 3 through 7. Thereafter, investigators could adjust dose upward or downward by 2 mg/day every 7 days within the approved range of 4-12 mg/day as clinically indicated. The mean modal dose for risperidone was 7.2 mg/day.
- . Treatment-emergent EPS was identified based on the following criteria: Simpson-Angus Scale total score >3 at any post-basefine visit for subjects with baseline ≤3; Barnes Akathisia Scale global score ≥2 at any post-baseline visit for subjects with baseline <2.
- · Patients who were previously exposed to risperidone were not excluded from this study, whereas patients previously exposed to ZYPREXA være.

#### ZYPREXA vs divalproex in bipolar mania

This was a double-blind, randomized, acute-phase, 3-week study conducted in 44 US sites to compare the efficacy and safety of ZYPREXA vs divalopper, 251 patients with a DSM-IV diagnosis of bipolar I disorder experiencing acute mixed or manic episodes (baseline Young Mania Rating Scale (Y-MRS) Total Score >20), with or without psychotic features, with or without rapid cycling courses were included.

. Dosting ranges were 5-20 mg QO for ZYPREXA and 500-2500 mg divided for divalprocx, with starting daily doses at 15 mg for ZYPREXA and 750 mg for divalproex. For the 3-week trial, mean modal doses were 17 mg for ZYPREXA and 1400 mg for divalproex; mean ending doses were 17 mg 00 for ZYPREXA and 1500 mg divided for divalproex. Dosing adjustments could be made after 2 days and were based on clinical response and plasma levels. Plasma levels were performed to ensure divalproex trough levels were maintained within the targeted therapeutic range of 50-125 µg/mL. Up to 4 blood samples were obtained per parient (mean, 2.7 samples); the mean value of all levels obtained was 79.4 µg/mL.



PANSS Total Score Individual Items include: delusions, conceptual disarganization, halucinatory behavior, excitement, grandiosity, suspiciousness/persecution, hostility, blunted effect, emotional withdrawal, poor rapport, passive/apathetic social withdrawal, difficulty in abstract thinking, tack of spontaneity and flow of conversation, stereotyped thinking, somatic concern, anxiety, guilt feelings, tension, mannerisms and posturing, depression, motor retardation, uncooperativeness, unusual thought content, disorientation, poor attention, tack of judgment and insight, disturbance of volition, poor impulse control, preoccupation, and active social avoidance. The items are rated on a 7-point scale from 1 (absent) to 7 (extreme).

Y-MRS Individual Items Include: elevated mood, increased motor activity/energy, sexual interest, sleep, Irritability, speech (rate and amount), language/thought disorder, thought content, disruptive/aggressive behavior, appearance, and insight.

Simpson-Angus Scale for Parkinsonism is used to measure drug-induced partinsonism. Items include: gait, arm dropping, shoulder shaking, elbow rigidity, wrist rigidity, leg pendulousness, head dropping, glabellar tap, tremor, and salivation. Items are rated on a 5-point scale from 0 (complete absence of condition) to 4 (presence of condition in extreme form).

PANSS Cognitive Score Includes: conceptual disorganization, difficulty in abstract thinking, stereotyped thinking, tension, mannerisms and posturing, poor attention, and lack of judgment and insight.

PANSS Depression Item measures depressive symptoms including sadness and hopelessness.

For undeficinal safety profile and other important prescribing considerations, see pages 16-17 and full Prescribing Information. For safety information on risperidone or diverpress, see manufacturers' package inserts.

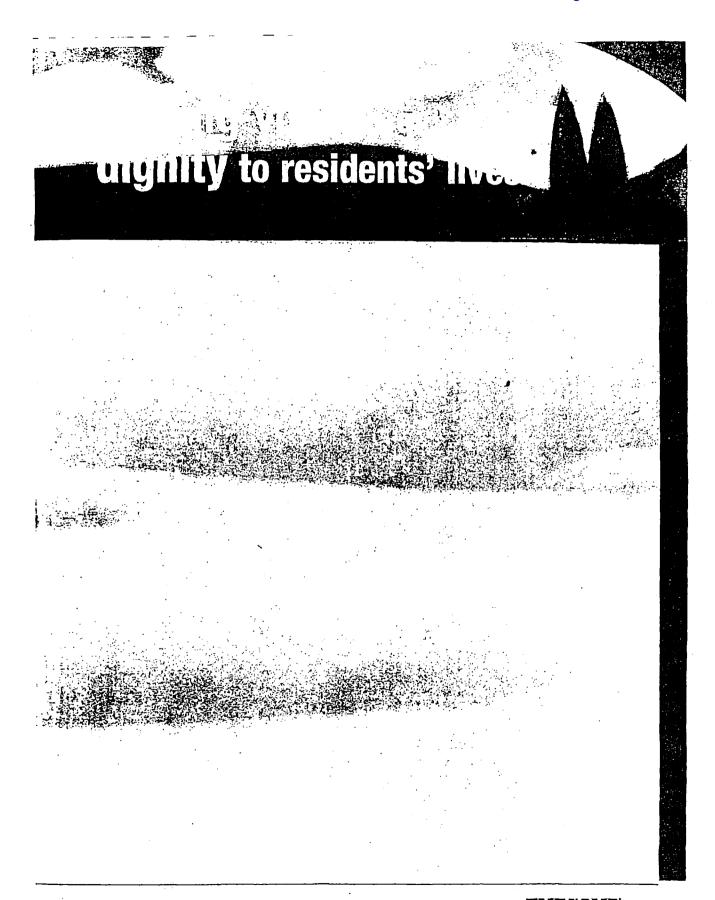




Dependable

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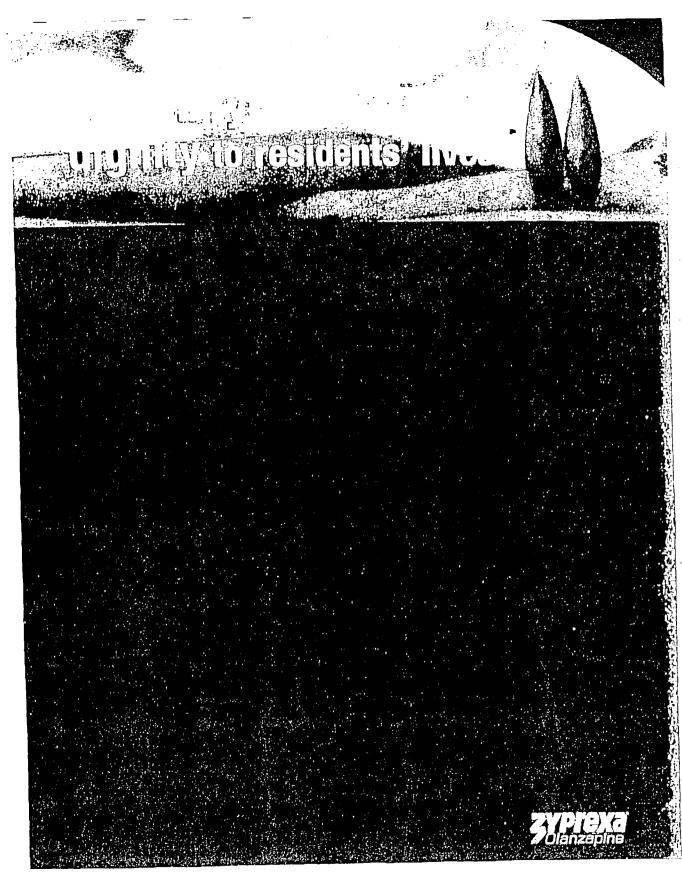
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Predictal

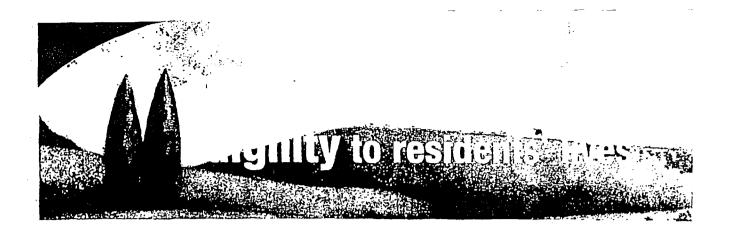
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Lilly



Predictable symptom control of both psychosis and elevated mood helps you restore calm.

Dependable maintenance of treatment response in schizophrenia helps you **bring comfort**.

Flexible dosing helps you customize care.

Prescribed for more than 10 million patients worldwide.



